



FORM MS-3478-05/09/2006
REPLACES FORM MS-6179-08/30/2005
FILE IN SECT. 2 OF SERVICE MANUAL

32K400

Illustrated Parts List

Model Series

32K400

GAS/KEROSENE

TYPE NUMBER(S)

0112.

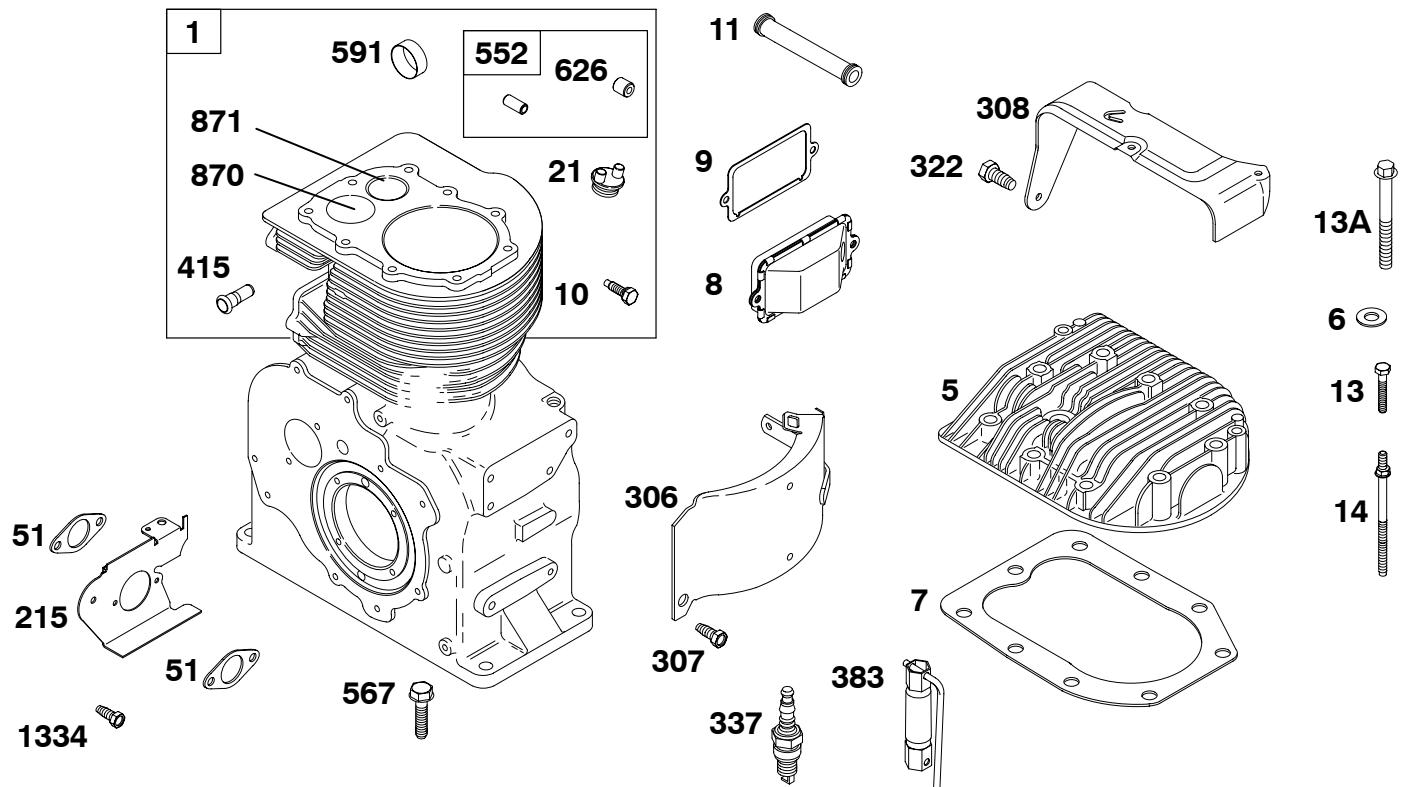
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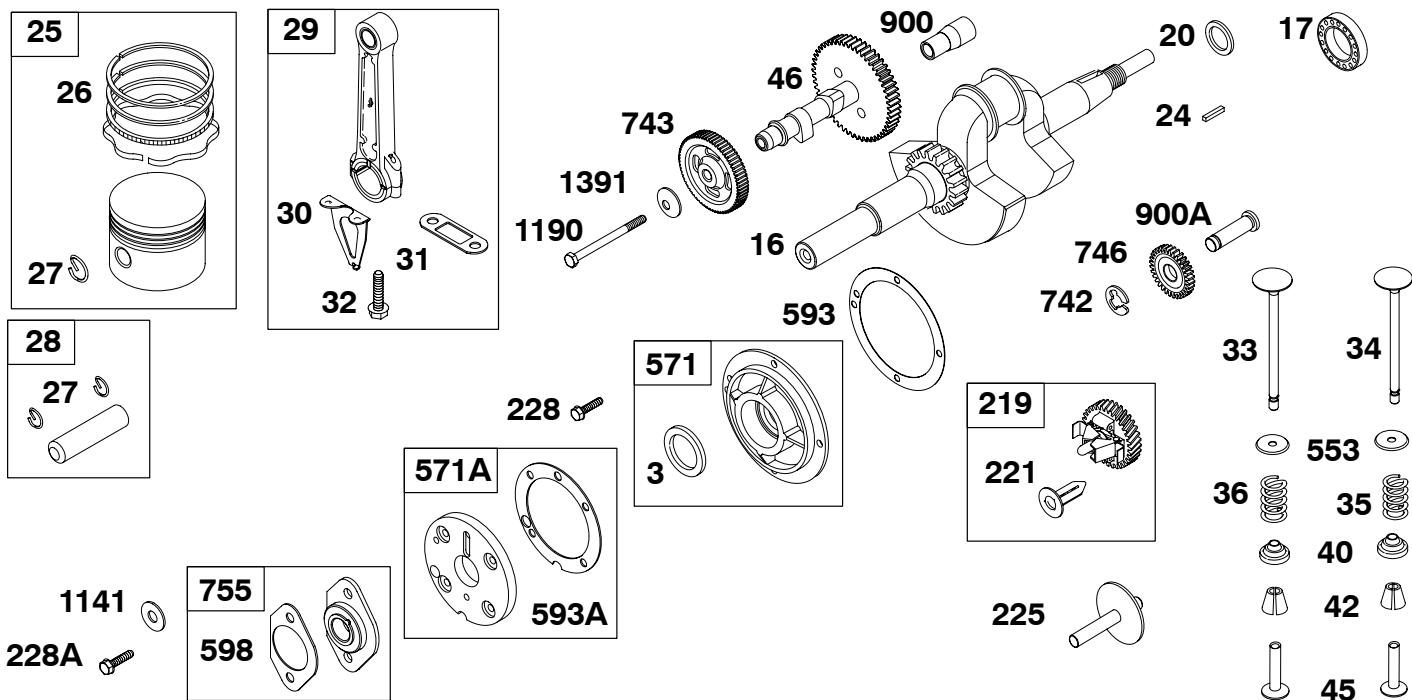
32K400



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	395663	Cylinder Assembly	14	691690	Stud (Cylinder Head)	870	691583	Seat-Valve (Exhaust)
5	691712	Head-Cylinder	21	281658s	Cap-Oil Fill	871	231218	Bushing-Guide
6	225137	Washer (Cylinder Head)	51	★027381s	Gasket-Intake	1334	692198	Screw (Air Guide)
7	*0692231	Gasket-Cylinder Head	215	291871	Guide-Air			
8	495738	Breather Assembly	306	299536	Shield-Cylinder			
9	*027803s	Gasket-Breather	307	690294	Screw (Cylinder-Shield)			
10	690294	Screw (Breather Assembly)	308	691731	Cover-Cylinder			
11	691512	Tube-Breather	322	692198	Screw (Cylinder Cover)			
13	691614	Screw (Cylinder Head) (1 3/4" Long)	337	802592s	Plug-Spark			
	----- Note -----		383	89838	Wrench-Spark Plug			
	691640 Screw (Cylinder Head) (2 1/16" Long)		415	692882	Plug (Cylinder)			
13A	691441	Screw (Cylinder Head) (2 7/16" Long)	552	393666	Bushing-Governor Crank			
			567	691104	Screw (Engine Base)			
			591	691746	Plug-Camshaft			
			626	690512	Spacer-Governor Crank			

- ★ Engine Gasket Set—Reference 358
- Carburetor Overhaul Kit—Reference 121

Ø Valve Gasket Set-Reference 1095

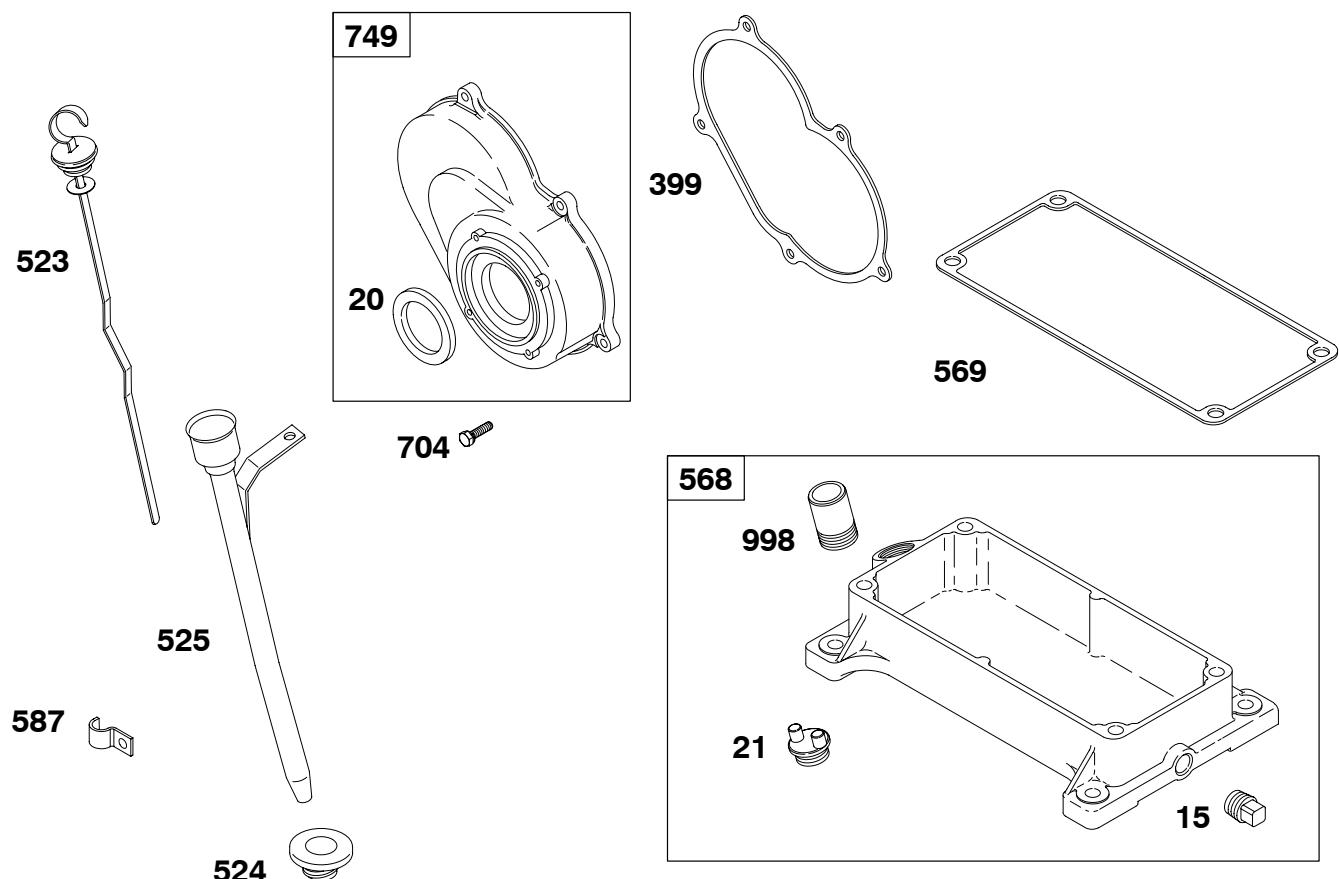


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	★291675s	Seal-Oil (Magneto Side)	30	691726	Dipper-Connecting Rod	593A	★270513	Gasket-Bearing Support (.015" Thick)
16	690536	Crankshaft	31	690396	Lock-Rod Screw			----- Note -----
17	691938	Bearing-Ball	32	692345	Screw (Connecting Rod)	★270514	Gasket- Bearing Support (.010" Thick)	
20	★691948	Seal-Oil (PTO Side)	33	394436	Valve-Exhaust	★270515	Gasket- Bearing Support (.005" Thick)	
24	222698s	Key-Flywheel	34	394435	Valve-Intake	598	★270516	Shim-End Play (.009" Thick)
25	390364	Piston Assembly (Standard)	35	691597	Spring-Valve (Intake)			----- Note -----
		----- Note -----	36	691597	Spring-Valve (Exhaust)	★270517	Shim-End Play (.007" Thick)	
		390366 Piston Assembly (.020" Oversize)	40	691939	Retainer-Valve	★270518	Shim-End Play (.005" Thick)	
26	390484	Ring Set (Standard)	42	494553	Keeper-Valve			
		----- Note -----	45	691594	Tappet-Valve	742	691080	Retainer-Governor Shaft
		390505 Ring Set (.020" Oversize)	46	692855	Camshaft	743	691153	Gear-Drive
27	691792	Lock-Piston Pin	219	393720	Gear-Governor	746	691803	Idler-Gear
28	299691	Pin-Piston (Standard)	221	841026	Cup-Governor	755	299706	Bearing-Camshaft
		----- Note -----	225	691357	Shaft-Governor Gear	900	691768	Shaft-Gear
		391286 Pin-Piston (.005" Oversize)	228	691058	Screw (Support Bearing)	900A	691767	Shaft-Gear
29	299632	Rod-Connecting (Standard)	228A	690810	Screw (Support Bearing)	1141	690402	Washer (Bearing Support)
		----- Note -----	553	690269	Retainer-Valve Spring	1190	691081	Screw (Drive Gear)
		390306 Rod- Connecting (.020" Undersize)	571	291665	Support-Bearing	1391	690301	Washer (Drive Gear)
			571A	299705	Support-Bearing (Magneto Side)			
			593	★691311	Gasket-Bearing Support			

* Engine Gasket Set-Reference 358
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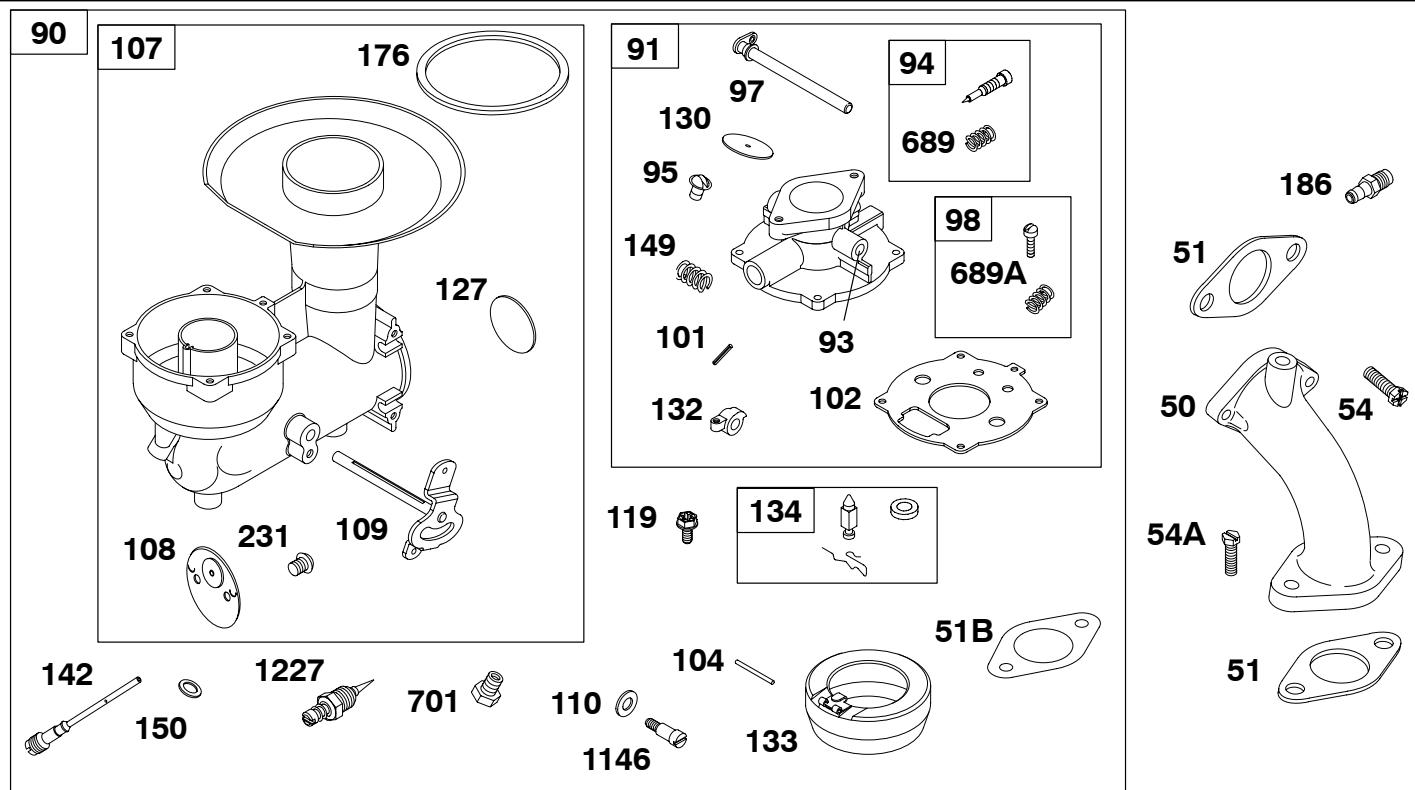
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
15	690946	Plug-Oil Drain	523	691352	Dipstick	704	691083	Screw (Counterweight Cover)
20	★691948	Seal-Oil (PTO Side)	524	★281370s	Seal-Diptstick Tube	749	391361	Cover-Counterweight
21	281658	Cap-Oil Fill	525	690622	Tube-Dipstick	998	690502	Pipe-Oil
399	★691310	Gasket-Gear Reduction Cover	568	294751	Base-Engine			
			569	★691569	Gasket-Engine Base			
			587	690389	Clamp-Cable			

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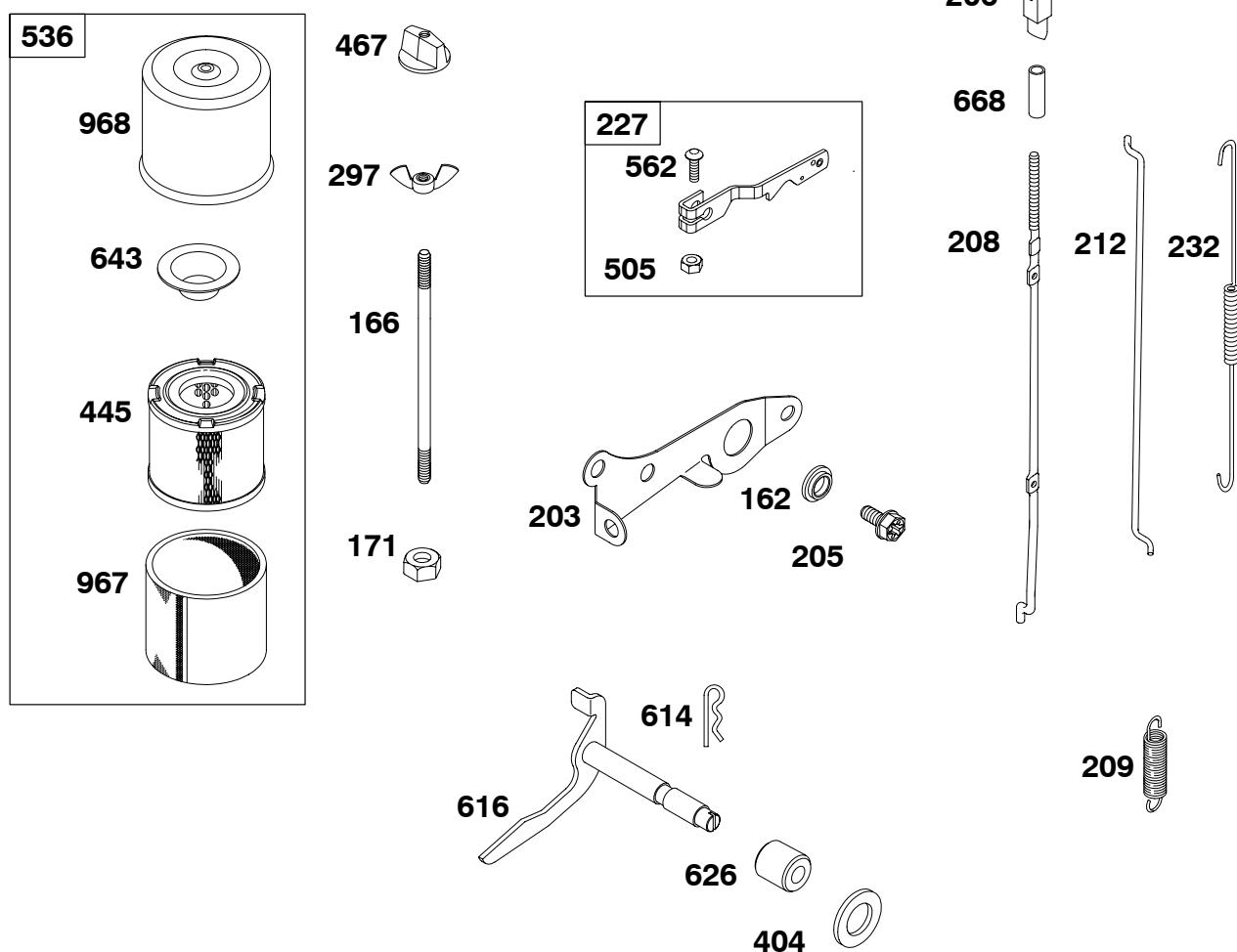


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	691152	Manifold-Intake	102	692215	Gasket-Carburetor Body	134	394682	Kit-Needle/Seat
51	27381	Gasket-Intake	104	691775	Pin-Float Hinge	142	691966	Nozzle-Carburetor
51B	692214	Gasket-Intake (Carburetor)	107	391069	Body-Lower Carburetor	149	691592	Spring-Needle Valve
54	690953	Screw (Intake Manifold)	108	690621	Valve-Choke	150	691610	Gasket-Nozzle
54A	691681	Screw (Intake Manifold)	109	691353	Shaft-Choke	176	691929	Seal-O Ring (Air Cleaner Base)
90	391065	Carburetor	110	691186	Washer (Choke Shaft)	186	691764	Connector-Hose
91	391067	Body Assembly-Upper	119	691587	Screw (Upper to Lower Carburetor Body)	231	691437	Screw (Choke Valve)
93	691769	Bushing-Throttle Shaft	127	690627	Plug-Welch	689	691590	Spring-Friction
94	292681	Kit-Idle Mixture	130	691727	Valve-Throttle	689A	691591	Spring-Friction
95	691437	Screw (Throttle Valve)	132	691708	Stop-Throttle	701	23118	Retainer-Needle Valve
97	691944	Shaft-Throttle	133	692265	Float-Carburetor	1146	691587	Screw (Choke Shaft)
98	693942	Kit-Idle Speed				1227	99525s	Valve-High Speed
101	691616	Pin-Shaft						

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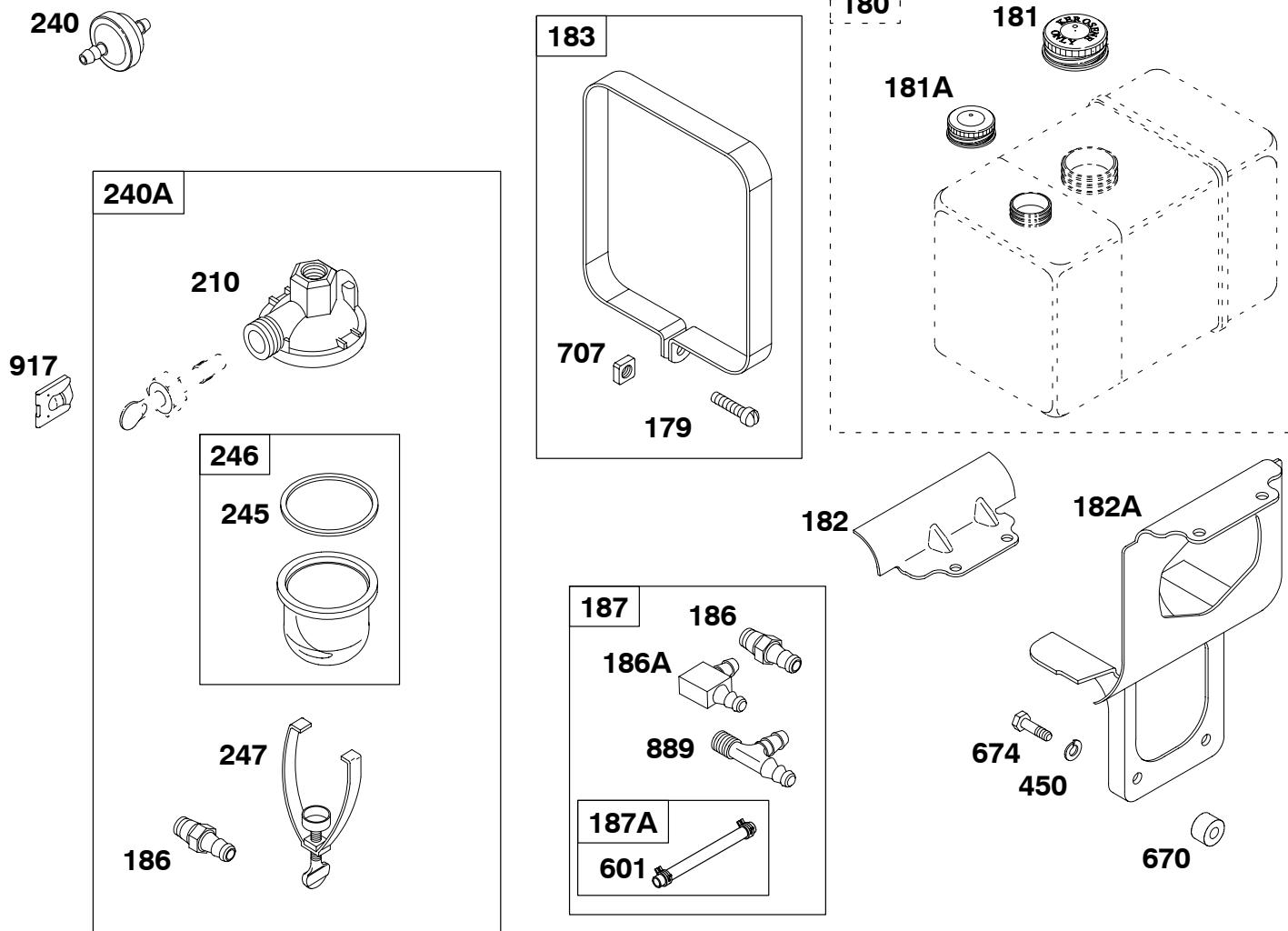
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
162	690267	Collar-Bell Crank	227	690607	Lever-Governor Control	614	691620	Pin-Cotter
166	691241	Stud (Air Cleaner) (9 1/2" Long)	232	690545	Spring-Governor Link	616	291364	Crank-Governor
171	690284	Nut (Air Cleaner)	297	691331	Nut (Air Filter Retainer)	626	690512	Spacer-Governor Crank
203	690263	Crank-Bell	404	690264	Washer (Governor Crank)	643	691730	Retainer-Air Filter
205	690810	Screw (Bell Crank)	445	393957	Filter-Air	668	690313	Spacer (Governor Control Rod)
206	691584	Nut-Governor Adjusting	467	691668	Knob-Air Cleaner	967	271794s	Filter-Pre Cleaner
208	393613	Rod-Governor Control	505	691251	Nut (Governor Control Lever)	968	691755	Cover-Air Cleaner
209	691596	Spring-Governor	536	391063	Cleaner-Air			
212	691791	Link-Throttle	562	691119	Bolt (Governor Control Lever)			

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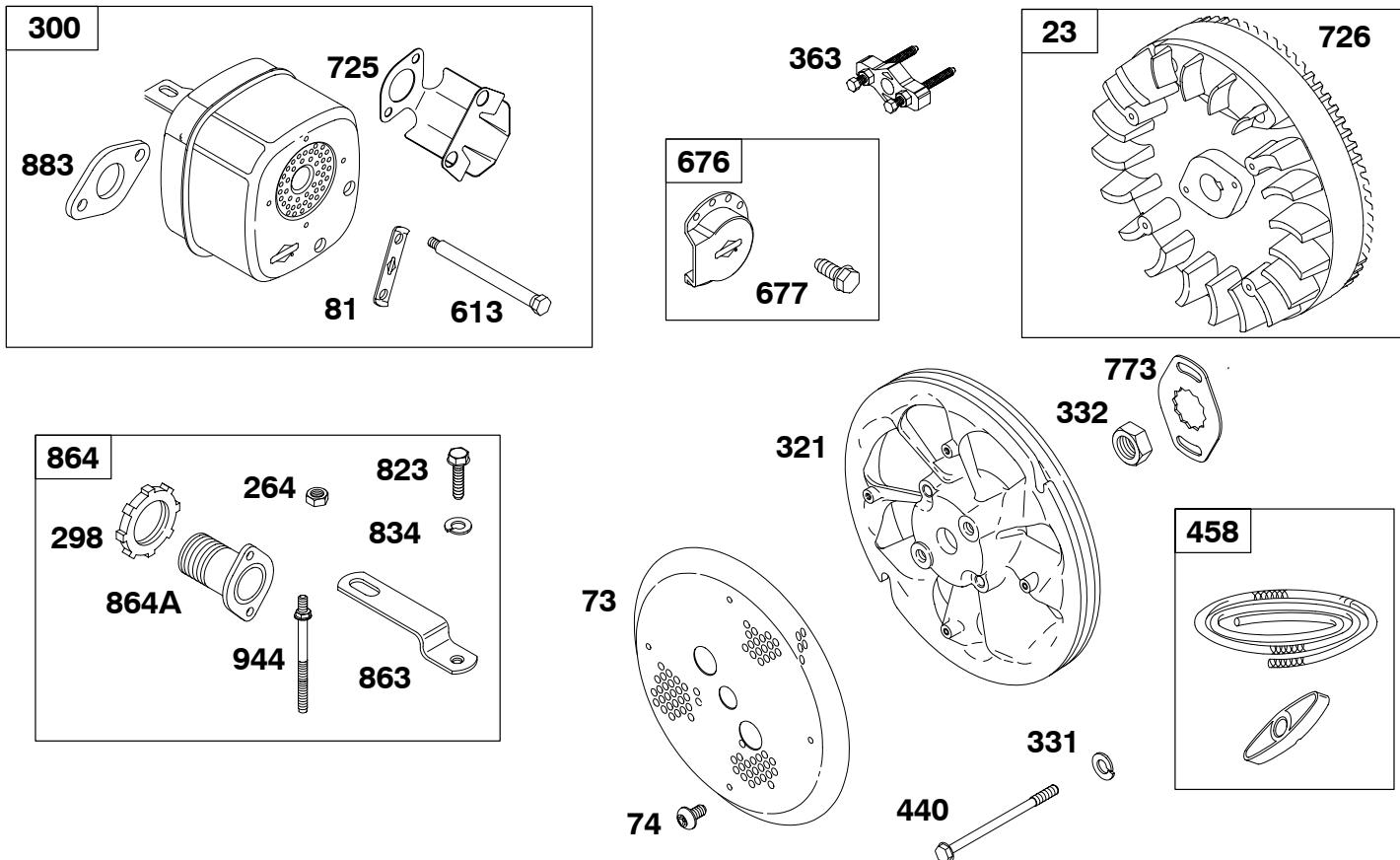


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
179	690280	Screw (Fuel Tank Strap)	210	691962	Screen-Filter	707	690279	Nut (Fuel Tank Strap)
180		Tank-Fuel (No Longer Available)	240	298090s	Filter-Fuel	889	93915	Tee
181	392887	Cap-Fuel Tank (Large) (Kerosene Only)	240A	690612	Filter-Fuel	917	691737	Valve-Handle Shutoff
181A	392886	Cap-Fuel Tank (Small) (Gas Only)	245	★692190	Gasket-Fuel Bowl			
182	691068	Bracket-Fuel Tank	246	298683	Bowl-Fuel Filter			
182A	690262	Bracket-Fuel Tank	247	691700	Yoke-Bowl			
183	691937	Strap-Fuel Tank	450	691075	Washer (Fuel Tank Bracket)			
186	691764	Connector-Hose	601	95162	Clamp-Hose			
186A	691609	Connector-Hose	670	690505	Spacer-Fuel Tank			
187	791893	Line-Fuel	674	690303	Screw (Fuel Tank Bracket)			
187A	791745	(Cut to Required Length)						

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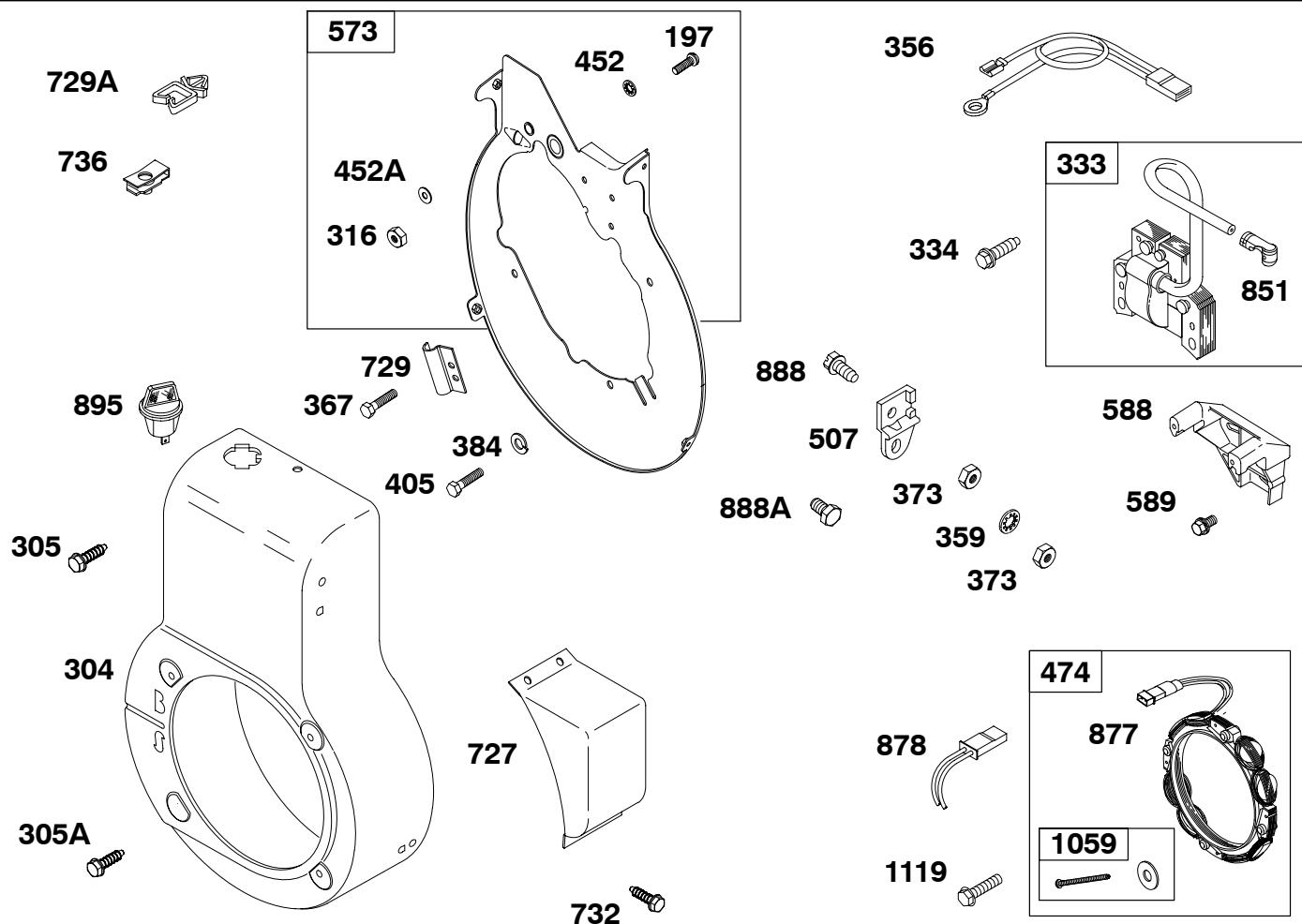
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23	395251	Flywheel (Magnetron)	331	691075	Washer (Booster Fan)	725	690420	Shield-Heat
	----- 391363	Flywheel	332	691059	Nut (Flywheel)	726	391362	Gear-Ring
73	691171	Screen-Rotating	363	19203	Puller-Flywheel	773	690265	Retainer
74	691655	Screw (Rotating Screen)	440	691076	Screw (Booster Fan)	823	691108	Screw (Muffler Adapter)
81	691178	Lock-Muffler Screw	458	69932	Kit-Rope/Handle	834	691075	Washer (Muffler Adapter)
264	691105	Nut (Muffler Adapter)	613	691416	Screw (Muffler)	863	694016	Bracket-Muffler
298	691808	Locknut-Muffler	676	393761	Deflector-Muffler	864	394584	Adapter-Muffler
300	399635	Muffler	677	690661	Screw (Muffler Deflector)	864A	690637	Adapter-Muffler
321	691151	Fan-Booster				883	★692236	Gasket-Exhaust
						944	691690	Stud (Muffler Adapter)

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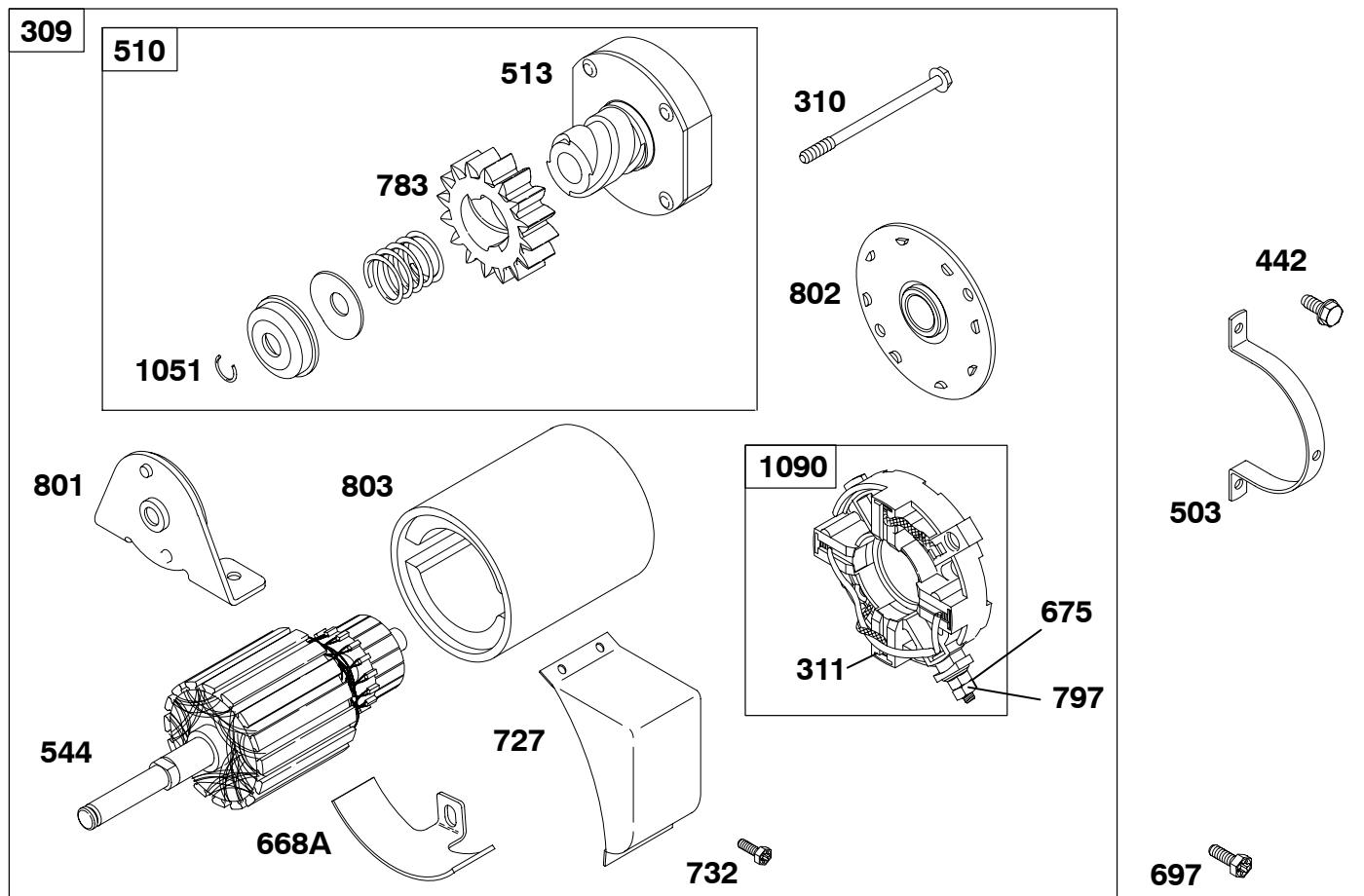


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
197	90072	Screw (Back Plate) (5/8"Long)	384	690371	Washer (Back Plate)	732	93410	Screw (Starter Drive Cover)
304	391229	Housing-Blower	405	690290	Screw (Back Plate)	736	690302	Nut-Clip
305	690297	Screw (Blower Housing) (7/16" Long)	452	92864	Washer (Back Plate) (Lockwasher)	851	493880s	Terminal-Cable
305A	690290	Screw (Blower Housing) (1/2" Long)	452A	26404	Washer (Back Plate) (Flat)	877	393456	Wire-Alternator
316	691612	Nut (Back Plate)	474	696459	Alternator (Dual Circuit)	878	398661	Harness-Alternator
333	398811	Armature-Magneto	507	690584	Insulator	888	690292	Screw (Insulator) (1/2" Long)
334	691061	Screw (Armature)	573	391220	Plate-Back	888A	690295	Screw (Insulator) (3/8" Long)
356	690650	Wire-Stop	588	690375	Bracket-Armature	895	692309	Switch-Rotary
359	691077	Washer (Insulator)	589	690300	Screw (Armature Bracket)	1059	698516	Kit-Screw/Washer (Alternator)
367	690305	Screw (Clip Wire)	727	692338	Cover-Starter Drive	1119	691183	Screw (Alternator)
379	691612	Nut (Insulator)	729	690432	Clip-Wire (Alternator)			
			729A	690588	Clip-Wire			

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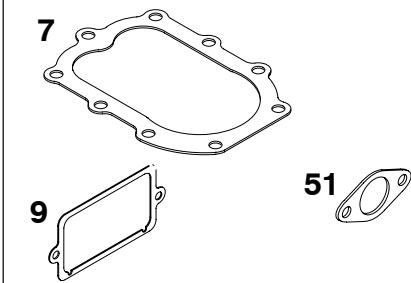


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309	396306	Motor-Starter	668A	396515	Spacer (Starter Motor)	801	394802	Cap-Drive
310	692329	Bolt (Starter Motor)	675	691261	Washer (Brush Retainer)	802	691286	Cap-End
311	497608	Brush Set	697	691058	Screw (Starter Motor)	803		Housing-Starter (Serviced By 396306 Starter Motor Only)
442	691693	Screw (Starter Strap)	727	692338	Cover-Starter Drive	1051	691265	Ring-Retaining
503	690406	Strap-Starter	732	93410	Screw (Starter Drive Cover)	1090	691293	Retainer-Brush
510	696541	Drive-Starter	783	695708	Gear-Starter			
513	692024	Clutch-Drive	797	691029	Nut (Brush Retainer)			
544	490309	Armature-Starter						

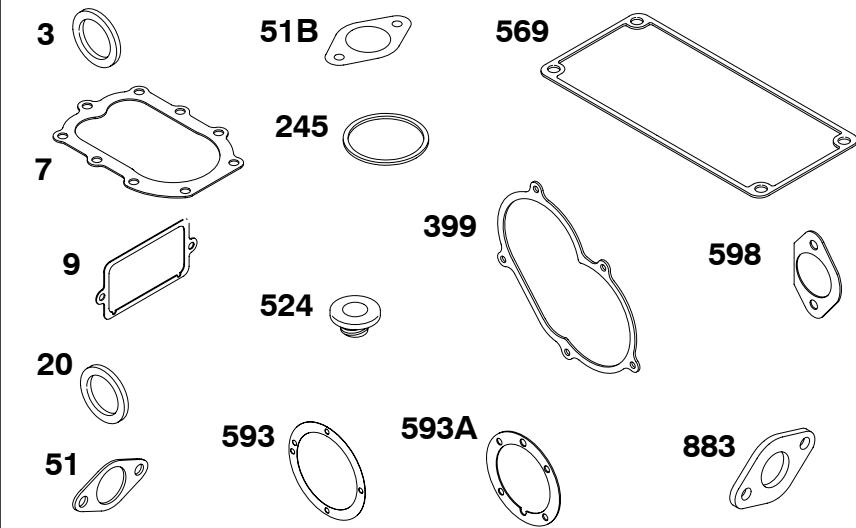
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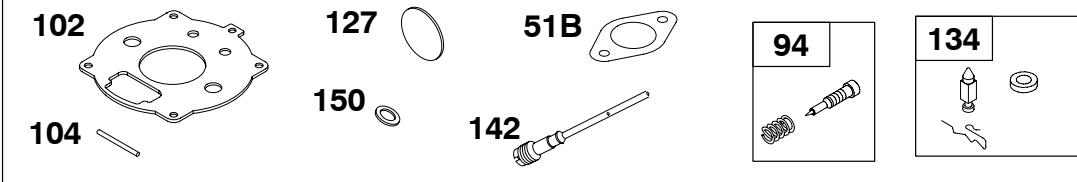
1095 VALVE GASKET SET



358 ENGINE GASKET SET



121 CARBURETOR OVERHAUL KIT



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	291675s	Seal-Oil (Magneto Side)	245	692190	Gasket-Fuel Bowl	593	691311	Gasket-Bearing Support
7	692231	Gasket-Cylinder Head	358	299719	Gasket Set-Engine	593A	270513	Gasket-Bearing Support (.015" Thick)
9	27803s	Gasket-Breather	399	691310	Gasket-Counterweight Cover			----- Note -----
20	691948	Seal-Oil (PTO Side)	524	281370s	Seal-Dipstick Tube	598	270514	Gasket- Bearing Support (.010" Thick)
51	27381s	Gasket-Intake	569	691569	Gasket-Engine Base		270515	Gasket- Bearing Support (.005" Thick)
51B	692214	Gasket-Intake				598	270516	Shim-End Play (.009" Thick)
94	292681	Kit-Idle Mixture						----- Note -----
102	692215	Gasket-Carburetor Body				883	692236	*270517 Shim (.007" Thick)
104	691775	Pin-Float Hinge				1095	498540	*270518 Shim (.005" Thick)
121	394989	Kit-Carburetor Overhaul						Gasket-Exhaust
127	690627	Plug-Welch						Gasket Set-Valve
134	394682	Kit-Needle/Seat						
142	691966	Nozzle-Carburetor						

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